



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

U/R

SM
20/07/12

D5805-7

Job Sheet 207483

Reprint.



POSITIVE
RECALL

Part No: D5805-7

Job Qty: 24 pcs

Part Name: Stud

POSITIVE RECALL

EFFECTIVE 20/07/12 AUTH SM



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 2/26/20

Job Tracking No:

Created By: Jennifer Renwick

Due Date: 3/27/20

Type: Stock

Description:

Note: URF 20-522 DWG D5805 REV.A IPP REV.A NEW ISSUE 20.01.15 JV VERF:DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Hardinge - 1	24 pcs	3/27/20		0.50	1.60	Hardinge - 1		
110	QC 2	24 pcs	3/27/20		0.00	0.00	SL-154 - 1		JB 20-03-07
							QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		JB 20-03-07
							QC 2 - 63		
							QC 2 - 8		
							QC 2 - 86		
							QC 2 - 64		



Container No: S261615



Part: D5805-7

Job No: 207483

Serial No/Batch: S261615

Revision: REV.A

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 813 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Printed: 03/07/20

Plex 3/7/20 9:09 AM dart.auclair.guillaume

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D5805-7

Job Sheet 207483



Part No: D5805-7

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Part Name: Stud



Part Weight: 0 lbs

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Description:

Note: URF 20-522 DWG D5805 REV.A IPP REV:A NEW ISSUE 20.01.15 JV VERF:DD

Ship Via:

Bill of Materials

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Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Hardinge - 1	24 pcs	3/27/20	3/27/20	0.50	1.60	Hardinge - 1		
							SL-154 - 1		JB 20-03-07
110	QC 2	24 pcs	3/27/20	3/27/20	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		JB 20-03-07
							QC 2 - 63		
							QC 2 - 8		
							QC 2 - 66		
							QC 2 - 64		



Container No: S261615



Part: D5805-7

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Serial No/Batch: S261615

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Dart Aerospace Ltd.
1270 Aberdeen Street
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CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 03/07/20

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				QC 2 - 65	
				QC 2 - 5	
				QC 2 - 71	
				QC 2 - 73	
				QC 2 - 69	
				QC 2 - 76	
120	QC 8	24 pcs	3/27/20	0.00 0.00	QC 8 - 12
					QC 8 - 14
					QC 8 - 17
					QC 8 - 20
					QC 8 - 25
					QC 8 - 3
					QC 8 - 32
					QC 8 - 33
					QC 8 - 35
					QC 8 - 39
					QC 8 - 4
					QC 8 - 44
					QC 8 - 45
					QC 8 - 49
					QC 8 - 58
					QC 8 - 8
					QC 8 - 9
					QC 8 - 68
					QC 8 - 67
					QC 8 - 1 (A)
					QC 8 - 47
					QC 8 - 40
					QC 8 - 52
					QC 8 - 23
					QC 8 - 57
					QC 8 - 76
					QC 8 - 61
130	Packaging 3-1 - Stock - B4B	24 pcs	3/27/20	0.00 0.00	Packaging 3 - 1 - B4B
					Packaging 3 - 2 - B4B
					Packaging 3 - 3 - B4B
					Packaging 3 - 4 - B4B
					Packaging 3 - 5 - B4B
					Packaging 3 - 6 - B4B
					Packaging 3 - 7 - B4B
					Packaging 3 - 8 - B4B
					Packaging 3 - 9 - B4B
					Packaging 3 - 10 - B4B
					Packaging 3 - 11 - B4B
					Packaging 3 - 12 - B4B
					Packaging 3 - 13 - B4B
					Packaging 3 - 14 - B4B
					Packaging 3 - 15 - B4B
					Packaging 3 - 16 - B4B
					Packaging 3 - 17 - B4B
					Packaging 3 - 18 - B4B
					Packaging 3 - 19 - B4B
					Packaging 3 - 20 - B4B
					Packaging 3 - 21 - B4B
					Packaging 3 - 22 - B4B
					Packaging 3 - 23 - B4B
					Packaging 3 - 24 - B4B
					Packaging 3 - 25 - B4B
					Packaging 3 - 26 - B4B

SBC 20/03/10

5161

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MAR 10 2020

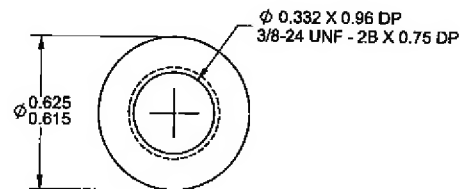
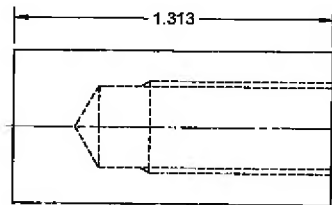
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
				Packaging 3 - 37 - B4B	
140	QC 21 - SA	24 pcs	3/27/20	0.00 0.00	QC 21 - SA - 21
					QC 21 - SA - 70
					QC 21 - SA - 53

Part Op **100** - 1-Machine as per folio F _____ FOLIO REV: _____ DWG REV: A 2-Debur
 Descriptions: **110** - QC2- Inspect parts off machine FAI/FAIB
120 - QC8- Inspect parts - second check
130 - Identify as per dwg & Stock Location: _____
140 - QC21- Final Inspection - Work Order Release

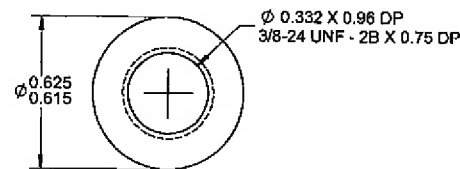
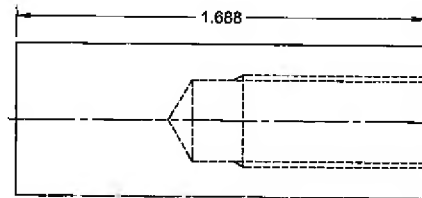
Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
M1018R0.625	M1018R0.625	2.9040 ft (.121 ea) -122	100-Hardinge - 1	255 SC000799

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Hardinge - 1	M1018R0.625 R0.450 B.A	3	0	0

Part Specifications
Specifications could not be found.



D5805-7 STUD
(DERIVED FROM AERO DESIGN P/N 76423-05)



D5805-8 STUD
(DERIVED FROM AERO DESIGN P/N 76423-06)

UNDER REVIEW

URF 2020-522 20.02.14 (NO)

NOTES:

- 1) MATERIAL: AISI 1018/1026 STEEL ROUND BAR
PER MIL-S-7097 OR ASTM A108
REF DART SPEC M1018-R
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: -7: 0.09 lbs
-8: 0.12 lbs

RELEASED
2020 FEB 18 NO

APPROVED

DESIGN	ZF	DART AEROSPACE LTD	
DRAWN	ZF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	DRAWING NO.	REV. A
MFG. APPR.	DD	D5805	SHEET 6 OF 6
APPROVED	NO	TITLE	SCALE
DE APPR.	CP	ATTACHMENT HOOP	NTS
DATE	20.01.13	<small>COPYRIGHT © 2020 BY DART AEROSPACE LTD THIS DOCUMENT IS PROPRIETARY AND CONFIDENTIAL AND IS SUPPLIED ON THE UNDERSTANDING THAT IT IS NOT TO BE REPRODUCED OR COPIED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

DART AEROSPACE LTD

Work Order:

207483

Description: ATTACHMENT HOOP STUD

Part Number:

D5805-7

Inspection Dwg: D5805

Rev: A

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INSPECTION SHEET

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Measured by:	JB
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Date: 20.03.07

Checked by: **DAS**

Date: 57 20/03/10
9-89

QC Inspector:

Date: _____

Engineering Approval:
(If necessary)

Date:

Rev	Date	Change	Revised by	Approved
A	7-Mar-20	New Issue	MG	



Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel: (613) 632-5200

PURCHASE ORDER PO37858

Supplier: ACI001-VC
Acier Ouellette Inc
935 Boul. Du Havre
Valleyfield
QC
J6S 5L1 Canada
Phone: 800 667 4248
Fax: 450 377 5696

PO No: PC37858
PO Date: 9/25/17
Due Date: 10/6/17
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Phone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Pymt Terms: net 30
Freight Terms:
Special Comments:

Line Item	Part	Rev	Description	Item Tax	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M1018R2 250		M1018R2 250 MATERIAL: AISI 1018- 1025 ROUND BAR M1010S20GA AS PER MIL-S-7097 OR ASTM A108		Firmed	10/6/17	3 ft	0 ft	3 ft	\$12.206666/ft	\$36.62
2	M1018R0.750		M1018R0.750 MATERIAL: AISI 1018- 1025 ROUND BAR M1010S20GA AS PER MIL-S-7097 OR ASTM A108		Firmed	10/6/17	20 ft	0 ft	20 ft	\$1.169/ft	\$23.38
3	M1018B1.000X06.000		1010 1025 Steel Bar 1.000 X 6.000 MATERIAL: AISI 1010- 1025 OR ASTM A36/A366/A569/A570 OR OR CSA G40-21 38W/44W/50W/60W/70W OR CSA G40-21 OR 38W/44W/50W/60W/70W		Firmed	10/6/17	6 ft	0 ft	6 ft	\$30.42/ft	\$182.52
4	M304R 500		304 SS roundbar 500 MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276 NOTE: AISI 303 NOT ACCEPTABLE		Firmed	10/6/17	36 ft	0 ft	36 ft	\$1.9072222/ft	\$68.66
5	M6061T6R1.375		6061-T6 Round Bar 1.375 MATERIAL: 6061- T6/T651/T651D/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ- AA-200/8 OR AMS QQ-A-		Firmed	10/6/17	12 ft	0 ft	12 ft	\$5.6841666/ft	\$68.21



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID: **PC37858**

Purchase Order Date: 9/25/2017
PO Print Date: 9/25/2017

Page Number 1 of 6

Order From: **ACIER OUELLETTE INC.**
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

VC4AM002

Ship To: **DART AEROSPACE LTD.**
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED
SEP 25 2017

Contact Name	Buyer	Chantal Lavoie
Vendor Phone: 800 667-4348	Customer POID	
	Customer Tax #	10127-2607
Ship To Contact	Terms	Net 30
Ship To Phone	Currency	CAD
Ship Via: Yours ppd	FOB	FOA - (Free Carrier)
Ship Acct:		

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M1018R2.250	M1018R2.250	10/6/2017 Yes 10/6/2017		3.00 f	\$12.21	\$36.62

MATERIAL: AISI 1018-1025 ROUND BAR AS PER MIL-S-7097 OR ASTM A108

Line Total: \$36.62

2	M1018R0.750	M1018R0.750	10/6/2017 Yes 10/6/2017		20.00 f	\$1.17	\$23.38
---	-------------	-------------	-------------------------------	--	------------	--------	---------

MATERIAL: AISI 1018-1025 ROUND BAR AS PER MIL-S-7097 OR ASTM A108

recd. 18.11
SEP 10 17

Line Total: \$23.38

PO Instructions: QUOTATION: 8043059234
Note:



DELIVERY - CLIENT

CO00053066

ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tel.: 450-377-4248 Mtl: 514-336-4248 Ext.: 000-667-4248
Fax: 450-377-5696 Mtl: 514-336-4248 Ext.: 066-456-4242

Customer N° CL10001056
Date 2017/09/25
Delivery date 2017/10/06
Your order N° 37858
Processed by Josianne Bourdon
Salesman
Carrier OUELLETTE VALLEYFIELD
Credit Terme Net 30 Days
Page 1

Billed to

DART AEROSPACE LTD
1270, ABERDEEN ST.
DANFORTH, Ontario, K6A 1K7

Shipped to

, Ontario,

Att: CHANTAL LAVOIE Tél.: 613-632-5200

Instruction F-M

Delivery Route 5

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CND	EXP	B/O	IN	S	C	OUT	
1 ROUND CR 2 1/4 1018 RANDOM RCR-214-V 5301 1 X 35" HEAT: 136550 COUPE A LA SCIE SCIE: 1	40.56	3.00	PL_SCLB								
2 ROUND CR 3/4 1018 RANDOM RCR-34-V 5332 1 X 20' R/L HEAT: 139015 COUPE A LA SCIE	30.00	20.00	PL_SCLB								
3 FLAT CR 1 X 6 1018 RANDOM FCR-16-V 2775 1 X 6' HEAT: 3066812	122.40	6.00	PL_SCLB								

NIR : R-109516-6

Next Page...

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: AL6061 T6 750

PO / BATCH NO: 832856/300239

DATE: OCT 18 2017

MATERIAL CERT REC'D: YES

THICKNESS ORDERED: .750

QUANTITY RECEIVED: 19'

THICKNESS RECEIVED: .750

QUANTITY INSPECTED: 19'

SHEET SIZE ORDERED: N/A

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	N	
CORRECT FINISH	Y	N	
CORROSION	Y	N	
CORRECT GRAIN DIRECTION	Y	N	
CORRECT MATERIAL PER M-DRAWING	Y	N	<u>AL6061 T6</u>
CORRECT THICKNESS	Y	N	
PHOTO REQUIRED	Y	N	
CORRECT REF # TO LINK CERT	Y	N	<u>REF # 137625</u>
CORRECT MATERIAL IDENTIFICATION	Y	N	<u>5000799</u>
CORRECT M# ON THE MATERIAL	Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WESSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u>	SIGNED OFF BY: _____		
DATE: <u>OCT 18 2017</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

ARANA Y LUFARDO, S
46490 LUGAO-MIRAVALLS/VICAYA (SPAIN)
Télex: 94645011
Fax: 946460173
E-mail: alpradero@calibredospradero.es
www.calibredospradero.es

CERTIFICADO DE CALIDAD/QUALITY REPORT

The overall χ^2 statistic according to:

EN 1012-1016 50010

3

Nº CERTIFICADO: CERTIFICADO Nº. 47463

ALBAHAN 03402	CLIENT LES ACTES TRANSAC (ISS/ATTEN)
Subj: Not Re.	030000

Norma : LX 19217

Proyectos Culturales de la zona Condado de Santa Fe de Bogotá



Eight new products: Technical & more continuous

PRODUCTO SOLICITADO: PRODUCTO ACCORDION 150410

Nº PELADO Paleta (Cm)	DESCRIPCION Densidad	KGS.	PRECEDENTE PRECEDENTE	OP	PEDIDA Mantenimiento
PA-4780	1014 RED ESTIRADO 20.00 (100)	1.000	0.000	00000	20.00
PA-4782	1015 RED ESTIRADO 20.00	1.002	0.000	00000	20.00
PA-4783	1016 RED ESTIRADO 20.00	1.001	0.000	00000	20.00
PA-4786	1014 RED ESTIRADO 15.00 (100)	1.000	0.000	00000	15.00
PA-4788	1014 CUA ESTIRADO 15.00 (100)	1.230	0.000	00000	15.00
PA-4789	1015 RED ESTIRADO 15.00 (100)	1.000	0.000	00000	15.00
PA-4792	1016 RED ESTIRADO 15.00 (100)	1.001	0.000	00000	15.00
PA-4793	1014 RED ESTIRADO 15.00 (100)	1.000	0.000	00000	15.00
PA-4794	1014 RED ESTIRADO 15.00 (100)	1.190	0.000	00000	15.00
PA-4795	1016 CUA ESTIRADO 15.00 (100)	0.00	0.000	00000	15.00
PA-4796	1016 RED ESTIRADO 15.00 (100)	1.000	0.000	00000	15.00
PA-4798	1018 CUA ESTIRADO 15.00 (100)	0.00	0.000	00000	15.00
PA-4799	1018 RED ESTIRADO 15.00 (100)	1.000	0.000	00000	15.00
PA-4800	1018 RED ESTIRADO 15.00 (100)	3.000	0.000	00000	15.00
PA-4801	1014 RED ESTIRADO 15.00 (100)	0.00	0.000	00000	15.00
PA-4802	1014 RED ESTIRADO 15.00 (100)	0.00	0.000	00000	15.00
PA-4803	1016 RED ESTIRADO 15.00 (100)	0.00	0.000	00000	15.00
PA-4804	1016 RED ESTIRADO 15.00 (100)	1.012	0.000	00000	15.00

Comparison in ΔT_{max} is shown in Table 1. The ΔT_{max} of the composite is 1.5 times that of the pure epoxy resin.

[illegible]

Characteristics and Index: 67 characters, 29, 20, 14.



ARANA Y LUPARDO, 2
48490 (B) AGOSHRAVALLES VIZCAYA (SPAIN)
Télax: 946180012
Fax: 946180018
Email: calpradera@calibradospradera.es
www.calibradospradera.es

CERTIFICADO DE CALIDAD/QUALITY REPORT

De acuerdo a /Made according to:

EN 10274/DIN 5049

3.1

Nº CERTIFICADO / Certificate No: 4082

ALBARA 47062 Delivery Note No.	CLIENTE: ILS ACIERES TRANSPEC (1997) LTD CUSTOMER:
-----------------------------------	-------------------------------------------------------

Norma: EN 10277

Productos Calibrados de acero, Condiciones técnicas de suministro.

Atm:

Reglas para producto: Technical delivery conditions.

MECIDA Measurement	OT	COLADA Cast No.	Resistencia Tens. strength N/mm ²	Elongación Elongation % 2mm	Alargamiento Elongation % 50 mm	Dureza HB Hardness HB	Extensión %
25.40	202411	41302 AA	556.11	543.10	19.26	180.00	55.22
25.40	139261	41403 G	558.02	541.20	19.34	169.00	51.11
25.40	139261	41403 G	558.02	541.20	19.34	169.00	51.11
12.70	137659	41136 AA	512.37	482.26	13.90	170.00	50.17
12.70	136478	40201	510.20	478.00	21.00	0.00	0.00
12.70	916191	40619 AA	577.16	537.66	19.70	169.00	58.82
12.70	139261	21375 AA	611.00	580.00	19.75	180.00	60.05
12.70	137659	41136 AA	512.37	482.26	13.80	169.00	55.12
12.70	139625	41372 AA	611.80	592.66	19.78	180.00	63.02
9.53	916190	40619 AA	577.16	537.66	19.70	169.00	58.82
15.86	916216	40619 AA	577.16	537.66	20.16	169.00	59.21
6.35	916673	40075 G	822.40	791.50	7.94	275.00	47.69
7.91	916609	41174 UM	754.80	715.70	12.24	210.00	58.76
22.23	139771	41472 AG	573.76	552.33	25.92	170.00	52.58
15.86	916509	41352 AA	625.39	607.28	13.72	200.00	48.37
15.86	202411	41302 AA	556.11	543.10	19.26	180.00	55.22
22.23	916190	40619 AA	577.16	537.66	19.70	169.00	58.82
22.23	139676	41472 AG	573.76	552.33	25.92	170.00	52.58

Calidad Superficial

DESCRIPTION Description	OT	Clase EN 10277-1
12.70 RED ESTIRADO 25.40 (1)	202411	3
12.70 RED ESTIRADO 25.40	139261	2
12.70 RED ESTIRADO 25.40	139261	2
12.70 RED ESTIRADO 12.70 (1/2)	137659	3
12.70 RED ESTIRADO 15.86 (3/4)	916791	3
12.70 RED ESTIRADO 19.05 (3/4)	139279	3
12.70 RED ESTIRADO 12.70 (1/2)	137659	3
12.70 RED ESTIRADO 19.05 (3/4)	139625	3
12.70 RED ESTIRADO 15.86 (3/4)	916716	2
12.70 RED ESTIRADO 7.91 (1/4)	916609	2
12.70 RED ESTIRADO 22.23 (3/4)	139771	3
12.70 RED ESTIRADO 15.86 (3/4)	916509	3
12.70 RED ESTIRADO 25.40 (1)	202411	3
12.70 RED ESTIRADO 25.40 (1/2)	916190	2
12.70 RED ESTIRADO 22.23 (3/4)	139676	2



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www.calibradospradera.es

CERTIFICADO DE CALIDAD/QUALITY REPORT

De acuerdo a / In accordance with:

EN 10204/DIN 50049

3.1

Nº CERTIFICADO / CERTIFICATE NO.: 47862

ALBARAN 47862
Delivery Note No.

CLIENTE LAS AGUAS TRANSMIC (007) LTD
CUSTOMER

Norma : EN 10277

Productos Calibrados de acero. Condiciones técnicas de suministro:

Norm :

Bright steel products. Technical delivery conditions.

Observaciones: BARRAS DE ACERO ESTIRADAS EN FRIO SIN ALCAR.

DEPARTAMENTO DE CALIDAD: Certifica que el mencionado producto cumple con las especificaciones del pedido.
QUALITY DEPARTMENT: Certify that the product fulfills the order specifications.

Fecha/Date: 19-06-2017

Firmado: Susana Fernandez
Directora de Calidad



Registro de
Certificados
ISO 9001:2015

Modelo de
Certificado

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/>	DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> </div> <div> Eng. (Non-AW) <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Water Jet <input type="checkbox"/> Supplier <input type="checkbox"/> Quality <input type="checkbox"/> </div> </div>			
Date :	Sequence #:	QTY Affected :		MRB (QS1042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause <div style="display: flex; justify-content: space-between;"> <div> Operator <input type="checkbox"/> Manufacturing Process <input type="checkbox"/> Equip/Tooling <input type="checkbox"/> Handling/Preservation <input type="checkbox"/> Material <input type="checkbox"/> Product Improvement <input type="checkbox"/> Process Improvement <input type="checkbox"/> Human Factors <input type="checkbox"/> </div> <div> <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Bending <input type="checkbox"/> Crushing <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Mislabeled </div> <div> <input type="checkbox"/> Contamination <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Incomplete/Unclear Instructions <input type="checkbox"/> Drill Holes <input type="checkbox"/> Fit/Function </div> <div> <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain Direction <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Off-set/Set-up </div> <div> <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Outside Tolerance <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Misread </div> </div>		Other/Details:			